

RS-INT
REGENERATION
General
Spraying of Brushfields
(Hand)

December 1958

PROGRESS REPORT

TOWN CREEK SPRAYING OF PLANTATIONS - 1957

One method of reforestation in brushfields is to plant without any site preparation and then spray with herbicides the plants that provide competition to the planted stock, while the latter are still overtopped by the former.

Three 0.10-acre plots were laid out in the Ophir Creek drainage and on the west side of the north-south road on the western part of the main Town Creek plantations. They were power sprayed from the ground in late July 1957 together with a 0.10-acre check plot which was left unsprayed and which is the third from the south end.

The plots were sprayed in 95° F. weather with 2,4,5-T in the proportion of 1 gallon to 200 gallons of water. The area had been planted in 1954 with 2-0 "special" stock. Each live seedling found on each plot was staked and tallied. The plots are numbered (1 to 4) from south to north and had the following numbers of seedlings on them at the time of establishment:

	<u>No. of seedlings</u>		<u>Average height</u>
	<u>8/1/57</u>	<u>10/1/58</u>	<u>inches</u> <u>7/30/58</u>
Plot 1 (Sprayed)	36	35	10.8
" 2 "	53	51	9.5
" 3 (Check)	53	53	13.7
4 (Sprayed)	52	44	9.6

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cc: Boise R. C. ✓

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